

Title (en)

CALL PROCESSING SYSTEM, CALL PROCESSING METHOD, AND COMMUNICATION DEVICE

Title (de)

ANRUFVERARBEITUNGSSYSTEM, ANRUFVERARBEITUNGSVERFAHREN UND KOMMUNIKATIONSVORRICHTUNG

Title (fr)

SYSTÈME DE TRAITEMENT D'APPELS, PROCÉDÉ DE TRAITEMENT D'APPELS ET DISPOSITIF DE COMMUNICATION

Publication

EP 4054142 A4 20230104 (EN)

Application

EP 20893664 A 20201123

Priority

- CN 201911208927 A 20191130
- CN 2020130790 W 20201123

Abstract (en)

[origin: EP4054142A1] This application provides a call processing system, a call processing method, and a communications apparatus. The system includes a call processing device and an event manager. The call processing device is configured to perform a connection and routing processing for a call initiated by calling user equipment, and is further configured to perform event detection for the call to obtain a detected event set, and report the detected event set to the event manager. The detected event set requests to trigger an update processing for the call. The event manager is configured to manage the update processing for the call based on the detected event set reported by the call processing device. In this application, a basic call function is separated and used as a call processing device to implement a simplified 2B industry audio/video framework, and a use requirement of a current 2B application scenario can be met, so that a 2B application can be rapidly deployed.

IPC 8 full level

H04W 8/08 (2009.01); **H04L 65/1016** (2022.01); **H04L 65/1066** (2022.01); **H04L 65/1093** (2022.01)

CPC (source: CN EP US)

H04L 65/1016 (2013.01 - EP); **H04L 65/1066** (2013.01 - EP); **H04L 65/1093** (2013.01 - EP); **H04M 7/006** (2013.01 - CN); **H04W 4/16** (2013.01 - CN); **H04W 8/02** (2013.01 - US); **H04W 12/02** (2013.01 - CN EP); **H04W 12/08** (2013.01 - EP); **H04L 65/1046** (2013.01 - EP); **H04M 7/006** (2013.01 - EP); **H04W 4/16** (2013.01 - EP)

Citation (search report)

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- [X] EP 1788764 A1 20070523 - HUAWEI TECH CO LTD [CN]
- [X] WO 0131935 A1 20010503 - NOKIA NETWORKS OY [FI], et al
- [A] US 2005021713 A1 20050127 - DUGAN ANDREW [US], et al
- [A] EP 2166712 A1 20100324 - ZTE CORP [CN]
- [A] EP 2053782 A1 20090429 - HUAWEI TECH CO LTD [CN]
- [A] "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; IP Multimedia (IM) session handling; IM call model; Stage 2 (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 23.218, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. CT WG1, no. V15.0.0, 20 June 2018 (2018-06-20), pages 1 - 73, XP051472889
- See references of WO 2021104198A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4054142 A1 20220907; **EP 4054142 A4 20230104**; CN 112887496 A 20210601; CN 112887496 B 20220809; US 2022295256 A1 20220915; WO 2021104198 A1 20210603

DOCDB simple family (application)

EP 20893664 A 20201123; CN 201911208927 A 20191130; CN 2020130790 W 20201123; US 202217826781 A 20220527